

| | Ref # | Hits | Search Text | DBs | Time Stamp |
|----|-------|------|--|----------------------------|---------------------|
| 1 | S5 | 2 | electromagnetic circuit same detect same solid | US -PGPUB; USPAT; USOCR | 2007/05/07 11:57 |
| 2 | S9 | 2 | electric same impedance and S2 | US -PGPUB; USPAT; USOCR | 2007/05/07 12:36 |
| 3 | S7 | 6 | electromagnetic circuit same detect same (gas or presence) | US -PGPUB; USPAT; USOCR | 2007/05/07 11:57 |
| 4 | S6 | 46 | electromagnetic circuit same detect | US -PGPUB; USPAT; USOCR | 2007/05/07 11:57 |
| 5 | S8 | 8 | impedance and S2 | US -PGPUB; USPAT; USOCR | 2007/05/07 12:36 |
| 6 | S4 | 1 | electromagnetic circuit same detect same solid same material | US -PGPUB; USPAT; USOCR | 2007/05/07 11:56 |
| 7 | S3 | 2 | electromagnetic circuit and S2 | US -PGPUB; USPAT; USOCR | 2007/05/07 11:56 |
| 8 | S11 | 1 | 10/708251 | US -PGPUB; USPAT; USOCR | 2007/05/07 12:59 |
| 9 | S10 | 0 | (10/708251) .CCLS. | US -PGPUB; USPAT | 2007/05/07 12:59 |
| 10 | S2 | 19 | (("3931587") or ("4608869") or ("5685802") or ("4926120") or ("5079507") or ("5419176") or ("5467188") or ("5479254") or ("5471357") or ("5517161") or ("5691642") or ("5708209") or ("5742234") or ("5987972") or ("6081329") or ("6377345") or ("6429935") or ("6543459") or ("66614215") .PN. ("6429935") or ("6543459") or ("66614215") .PN. | US -PGPUB; USPAT | 2007/07/03 09:38 |
| 11 | S1 | 3 | (("6429935") or ("6543459") or ("66614215") .PN. | US -PGPUB; USPAT | 2007/05/07 11:53 |

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|-------|------|--|--|---|
| 12 | S12 | 1653 | 436/149-154.cc1s. | US -PGPUB; USPAT; USOCR 09:38 |
| 13 | S13 | 1083 | S12 and @ad<="20040219" | US -PGPUB; USPAT; USOCR 09:53 |
| 14 | S14 | 221 | S13 and impedance | US -PGPUB; USPAT; USOCR 09:44 |
| 15 | S15 | 66 | S13 and impedance.clm. | US -PGPUB; USPAT; USOCR 09:40 |
| 16 | S17 | 8 | S16 and impedance | US -PGPUB; USPAT; USOCR 09:52 |
| | | (("3931587") or ("4608869") or ("5685802") or ("4926120") or ("5079507") or ("5419176") or ("5467188") or ("5479254") or ("5471357") or ("5517161") or ("5691642") or ("5708209") or ("5742234") or ("5987972") or ("6081329") or ("6377345") or ("6429935") or ("6543459") or ("6614215") .PN. | | |
| 17 | S16 | 19 | | US -PGPUB; USPAT 2007/07/03 09:44 |
| 18 | S18 | 5368 | (impedance with measur\$4) .clm. | US -PGPUB; USPAT; USOCR 09:55 |
| 19 | S19 | 4578888 | @ad<="20040219" | US -PGPUB; USPAT; USOCR 09:53 |
| 20 | S20 | 14756 | 324/600-727.cc1s. | US -PGPUB; USPAT; USOCR 09:55 |
| 21 | S22 | 624 | (impedance with measur\$4) .clm. and S21 | US -PGPUB; USPAT; USOCR 09:55 |
| 22 | S21 | 7923 | S20 and S19 | US -PGPUB; USPAT; USOCR 09:55 |

| | Ref # | Hits | Search Text | DBs | Time Stamp |
|----|-------|------|--|----------------------------|---------------------|
| 23 | S23 | 35 | (impedance with measur\$4) .clm. and S21 and plasma | US -PGPUB; USPAT; USOCR | 2007/07/03 10:08 |
| 24 | S24 | 1302 | (73/29.01 73/29.02 73/335.01 73/335.02 73/335.05) .cc1s. | US -PGPUB; USPAT; USOCR | 2007/07/03 10:08 |
| 25 | S26 | 12 | (impedance with measur\$4) .clm. and S25 | US -PGPUB; USPAT; USOCR | 2007/07/03 10:12 |
| 26 | S25 | 539 | S24 and S19 | US -PGPUB; USPAT; USOCR | 2007/07/03 10:08 |
| 27 | S28 | 1169 | impedance and microwave and radio frequency and plasma and phase | US -PGPUB; USPAT; USOCR | 2007/07/03 10:18 |
| 28 | S27 | 16 | (impedance) .clm. and S25 not S26 | US -PGPUB; USPAT; USOCR | 2007/07/03 10:17 |
| 29 | S30 | 4 | (impedance and microwave and radio frequency and plasma and phase) .clm. and S19 | US -PGPUB; USPAT; USOCR | 2007/07/03 12:29 |
| 30 | S31 | 19 | (US-20020155615-\$ or US-20040135590- \$ or US-20040118348-\$) .did. or (US-6916658-\$ or US-6858433-\$ or US-6841389-\$ or US- 6835552-\$ or US-6511851-\$ or US-5415784-\$ or US-4977094-\$ or US-5079507-\$ or US- 539977-\$ or US-5631418-\$ or US-5553495-\$ or US-3857284-\$ or US-6038914-\$ or US- 5531097-\$ or US-6563076-\$ or US-6509542-\$) .did. | US -PGPUB; USPAT | 2007/07/03 11:01 |
| 31 | S33 | 213 | 422/82.01.cc1s. and impedance | US -PGPUB; USPAT; USOCR | 2007/07/03 11:41 |
| 32 | S34 | 50 | 422/82.01.cc1s. and impedance.clm. | US -PGPUB; USPAT; USOCR | 2007/07/03 11:41 |

| | Ref # | Hits | Search Text | DBs | Time Stamp |
|----|-------|------|---|-------------------------|------------------|
| 33 | S35 | 46 | 422/82.01.ccls. and impedance.clm. and S19 (detect\$4 or measur\$4) and plasma and (electromagnetic or circuit) and impedance and amount with solid and S19 | US -PGPUB; USPAT; USOCR | 2007/07/03 11:46 |
| 34 | S36 | 309 | (detect\$4 or measur\$4) and plasma and (electromagnetic or circuit) and impedance and amount with solid and S19 | US -PGPUB; USPAT; USOCR | 2007/07/03 11:49 |
| 35 | S32 | 19 | S31 and impedance | US -PGPUB; USPAT; USOCR | 2007/07/03 11:41 |
| 36 | S40 | 438 | (plasma and species and photoresist and heat\$3 and gas and impedance and (electromagnetic or circuit) and reactive) and S19 | US -PGPUB; USPAT; USOCR | 2007/07/03 12:32 |
| 37 | S42 | 5 | ((("4207137") or ("74111767") or ("5939886") or ("5631418") or ("5531097") or ("5079507")) .PN. | US -PGPUB; USPAT | 2007/07/03 17:03 |
| 38 | S37 | 8 | (detect\$4 and measur\$4) and plasma and (electromagnetic or circuit) and impedance.ab. and amount with solid and S19 | US -PGPUB; USPAT; USOCR | 2007/07/03 11:49 |
| 39 | S29 | 7 | (impedance and microwave and radio frequency and plasma and phase) .clm. | US -PGPUB; USPAT; USOCR | 2007/07/03 12:28 |
| 40 | S39 | 768 | (plasma and species and photoresist and heat\$3 and gas and impedance) | US -PGPUB; USPAT; USOCR | 2007/07/03 12:31 |
| 41 | S38 | 1 | (plasma and species and photoresist and heat\$3 and gas and impedance) .clm. | US -PGPUB; USPAT; USOCR | 2007/07/03 12:31 |
| 42 | S41 | 46 | (plasma and species and photoresist and heat\$3 and gas and impedance and (electromagnetic or circuit) and reactive) and S19 and ("422" or "436" or "324" or "73") .clas. | US -PGPUB; USPAT; USOCR | 2007/07/03 14:04 |

| | Ref # | Hits | Search Text | DBs | Time Stamp |
|----|-------|------|--|----------------------------|---------------------|
| 43 | S43 | 2 | microwave and S42 | US -PGPUB; USPAT; USOCR | 2007/07/03 14:12 |
| 44 | S44 | 2 | (radio frequency or rf) and S42 | US -PGPUB; USPAT; USOCR | 2007/07/03 14:13 |
| 45 | S45 | 3 | (magnitude or phase) with impedance and S42 | US -PGPUB; USPAT; USOCR | 2007/07/03 14:13 |
| 46 | S46 | 107 | 364/482 .icls. | US -PGPUB; USPAT; USOCR | 2007/07/03 14:29 |
| 47 | S49 | 5 | impedance and plasma and S48 | US -PGPUB; USPAT; USOCR | 2007/07/03 14:29 |
| 48 | S48 | 107 | 364/482 .icls. | US -PGPUB; USPAT; USOCR | 2007/07/03 14:29 |
| 49 | S47 | 1 | ("50007983") .PN. | US -PGPUB; USPAT | 2007/07/03 14:28 |
| 50 | S50 | 6 | (("4207137") or ("4711767") or ("5939886") or ("5631418") or ("5531097") or ("5079507")) .PN. | US -PGPUB; USPAT | 2007/07/03 17:12 |
| 51 | S51 | 0 | solid material and S50 | US -PGPUB; USPAT; USOCR | 2007/07/03 17:12 |
| 52 | S52 | 1 | microwave and (radio frequency or rf) and S50 | US -PGPUB; USPAT; USOCR | 2007/07/03 17:27 |
| 53 | S53 | 3 | impedance with phase and S50 | US -PGPUB; USPAT; USOCR | 2007/07/03 17:31 |
| 54 | S54 | 1 | 10/708251 | US -PGPUB; USPAT; USOCR | 2007/07/03 17:39 |
| 55 | S55 | 3 | photoresist and S50 | US -PGPUB; USPAT; USOCR | 2007/07/03 17:41 |
| 56 | S56 | 2 | (("4207137") or ("4711767")) .PN . | US -PGPUB; USPAT | 2007/07/03 17:41 |

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| 57 | S57 | 0 | microwave and S56 | US -PGPUB; USPAT; USOCR | 2007/07/03 17:41 |
| 58 | S58 | 2 | heat\$3 and S56 | US -PGPUB; USPAT; USOCR | 2007/07/03 17:42 |
| 59 | S59 | 2 | gas and plasma and S58 | US -PGPUB; USPAT; USOCR | 2007/07/03 17:42 |
| 60 | S65 | 2 | S61 and w | US -PGPUB; USPAT; USOCR | 2007/07/03 17:46 |
| 61 | S60 | 2 | photoresist and S59 | US -PGPUB; USPAT; USOCR | 2007/07/03 17:42 |
| 62 | S61 | 2 | impedance and S60 | US -PGPUB; USPAT; USOCR | 2007/07/03 17:43 |
| 63 | S62 | 1 | S61 and phase | US -PGPUB; USPAT; USOCR | 2007/07/03 17:45 |
| 64 | S63 | 0 | "5939886".pn. and heat\$3 | US -PGPUB; USPAT; USOCR | 2007/07/03 17:44 |
| 65 | S64 | 1 | S61 and watts | US -PGPUB; USPAT; USOCR | 2007/07/03 17:51 |